

FIG. 1

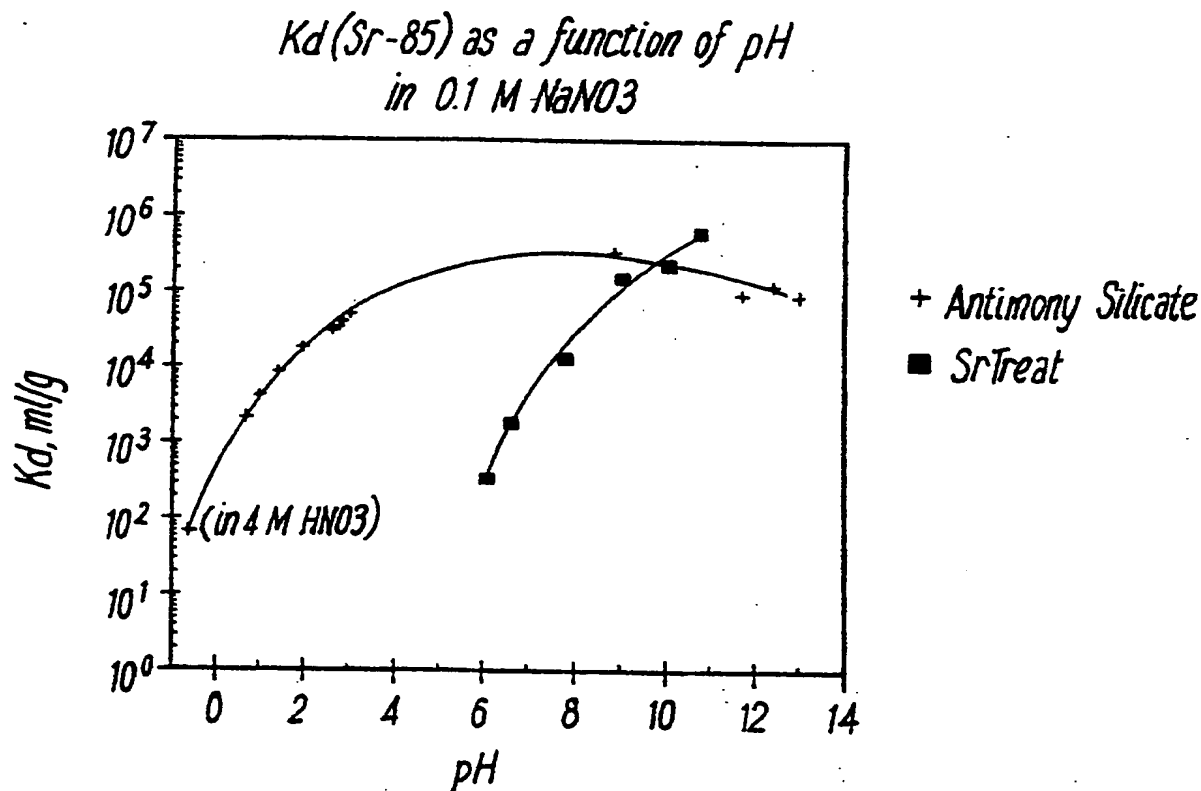


FIG. 2

*Comparison of materials
Kd for Sr-85*

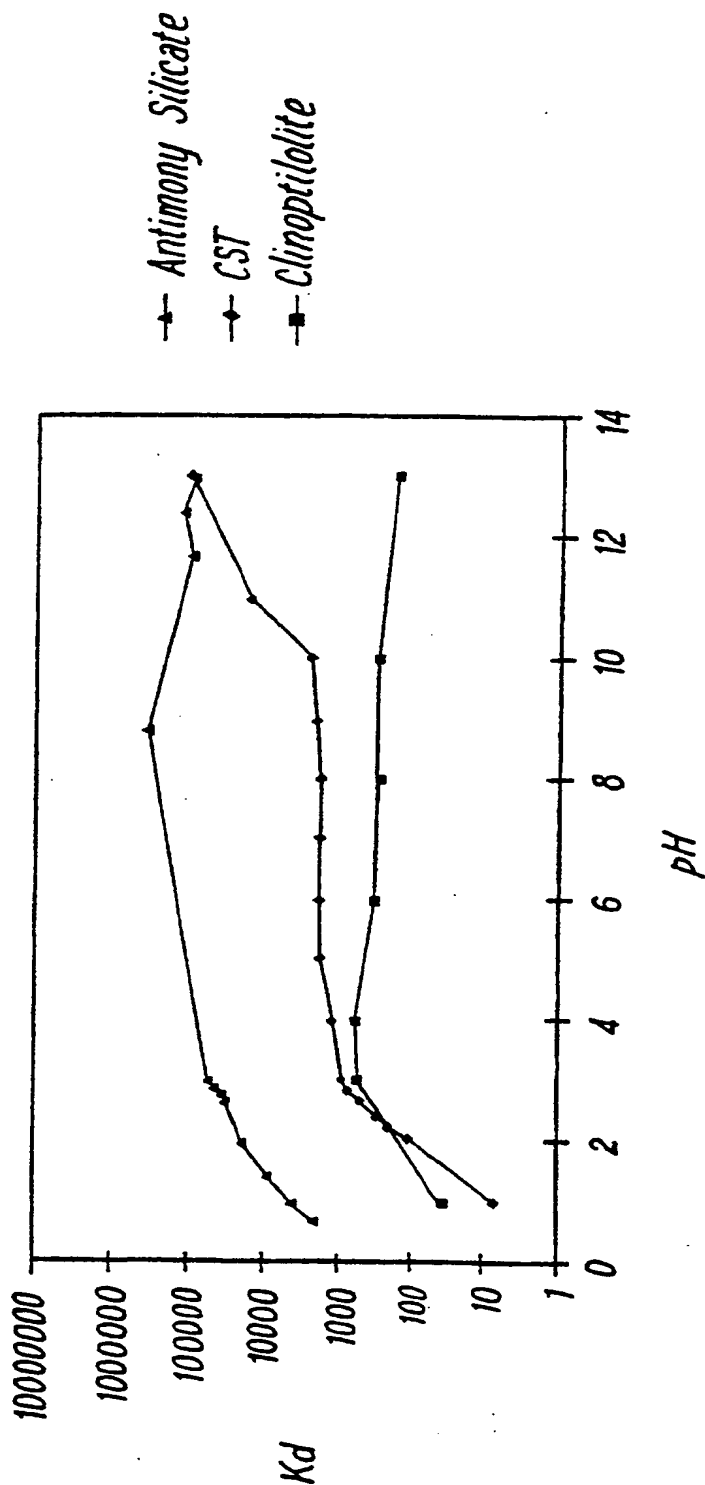
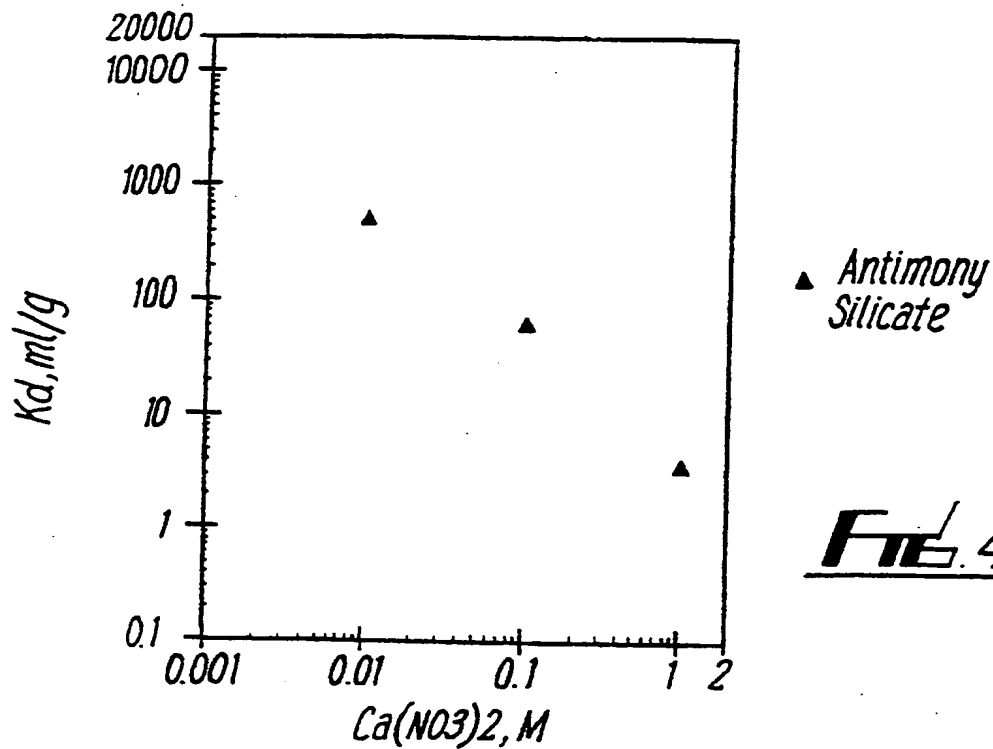
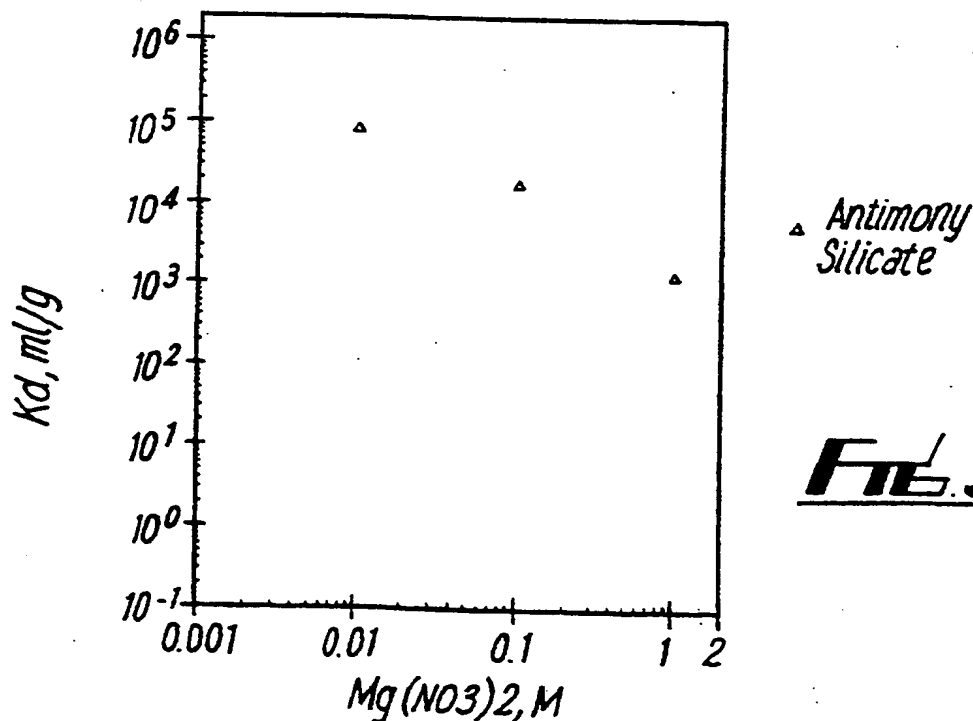


Fig. 3



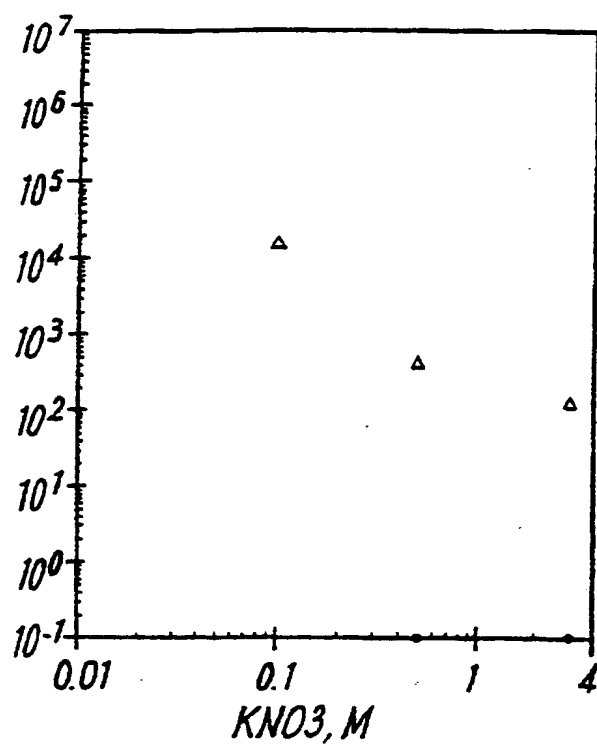
The effect of Ca^{2+} on K_d (Sr-85)
(equilibrated samples)

FIG. 4



The effect of Mg^{2+} on K_d (Sr-85)
(equilibrated samples)

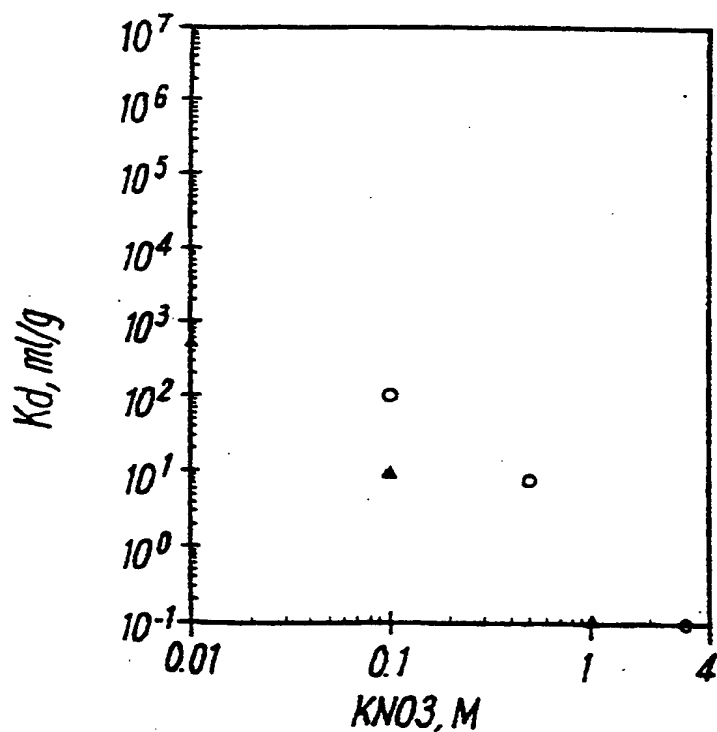
FIG. 5



△ Antimony
Silicate

Fig. 6a

The effect of K^+ on K_D (Sr-85)
(equilibrated samples)

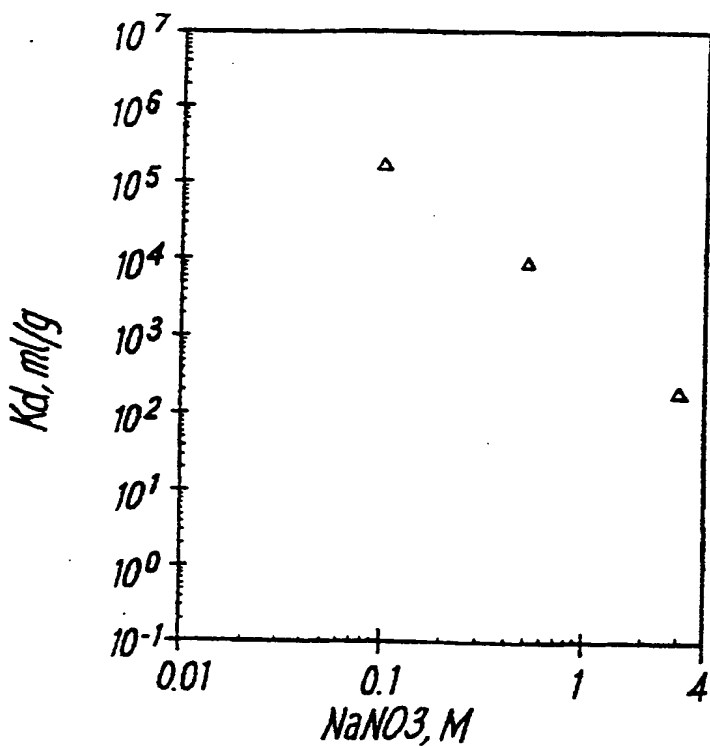


△ Clinoptilolite

○ CST

Fig. 6b

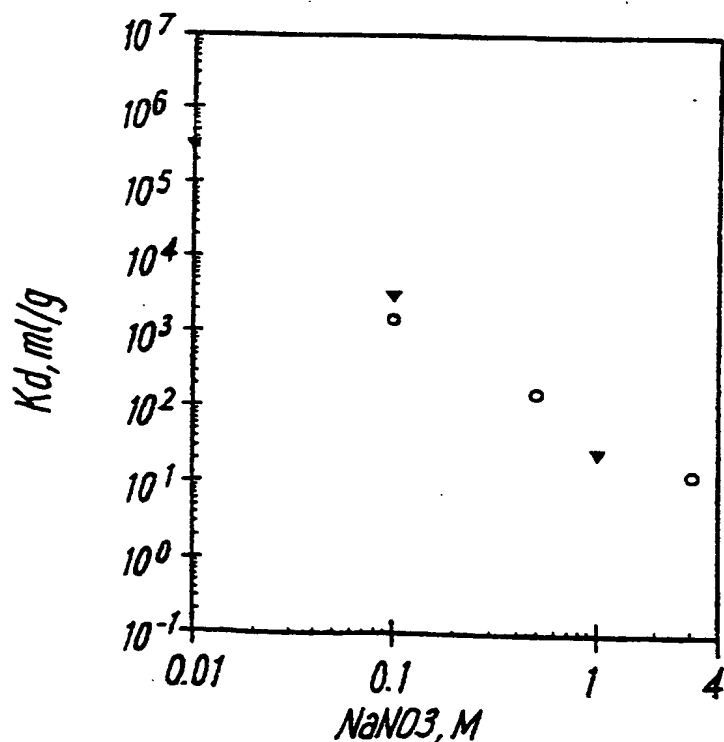
The effect of K^+ on K_D (Sr-85)
(equilibrated samples)



△ Antimony
Silicate

Fig. 1a

The effect of Na^+ on K_d (Sr-85)
(equilibrated samples)

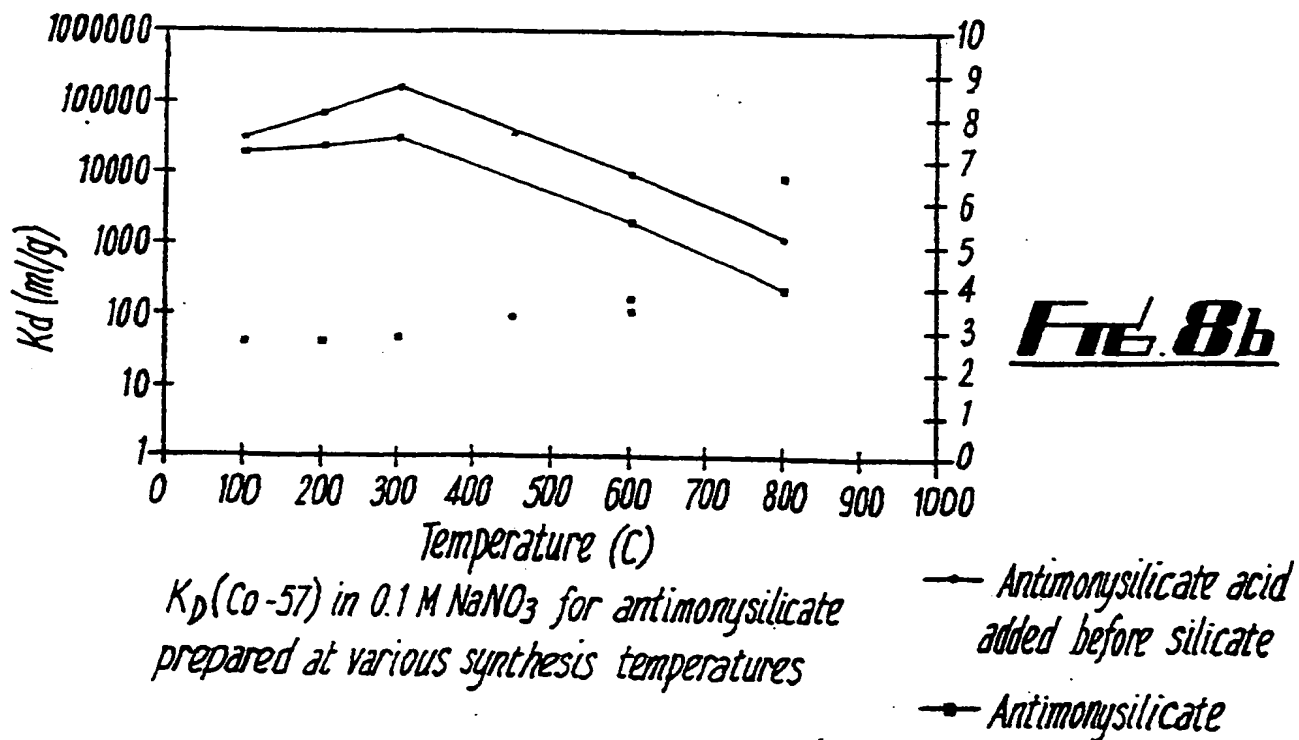
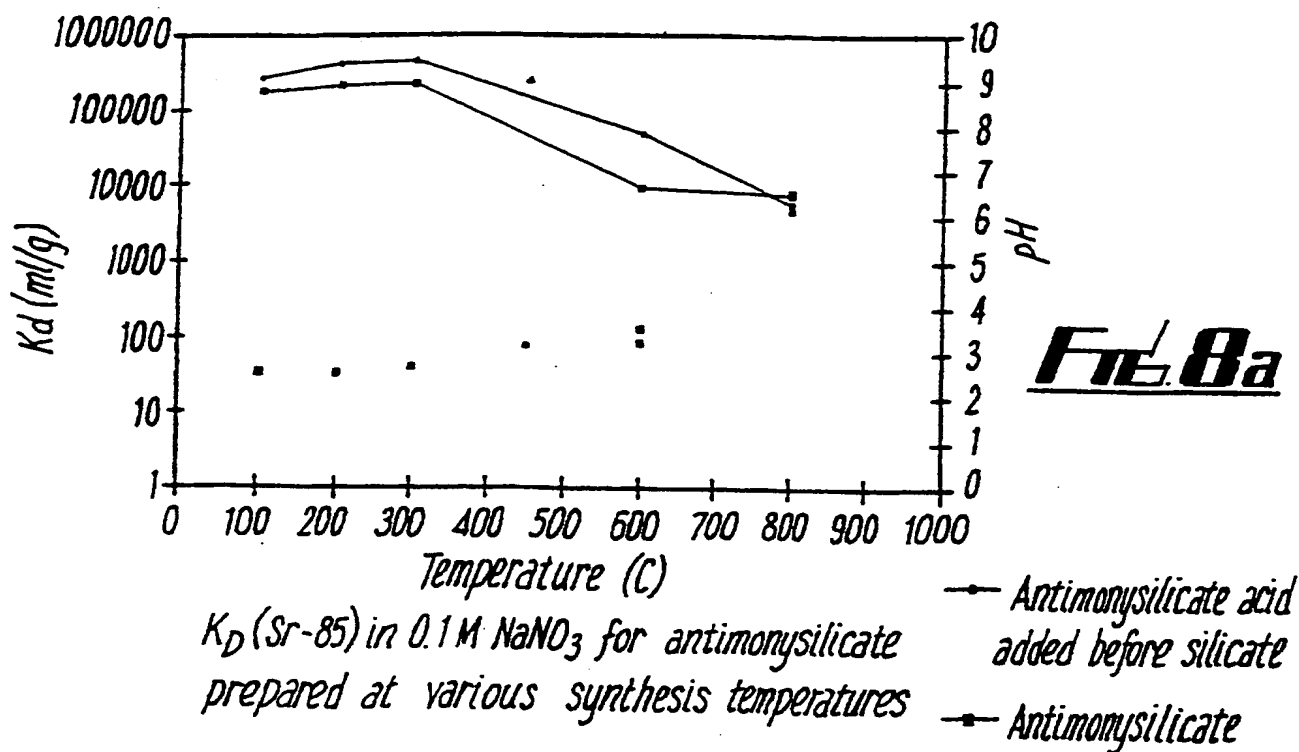


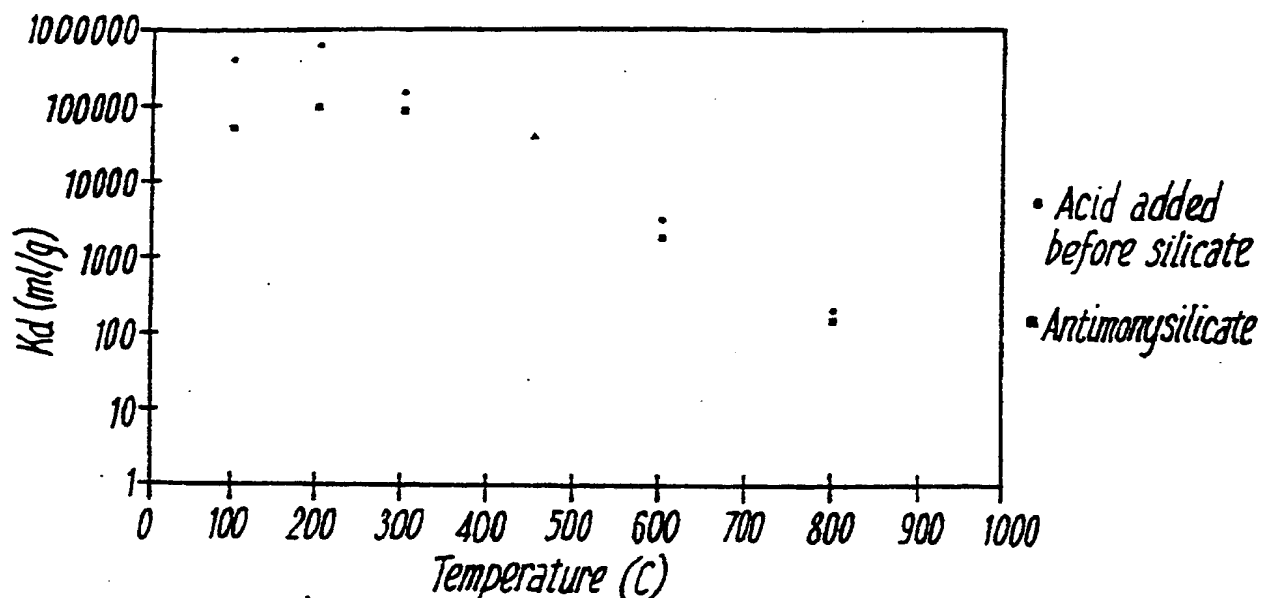
▽ Clinoptilolite

○ CST

Fig. 1b

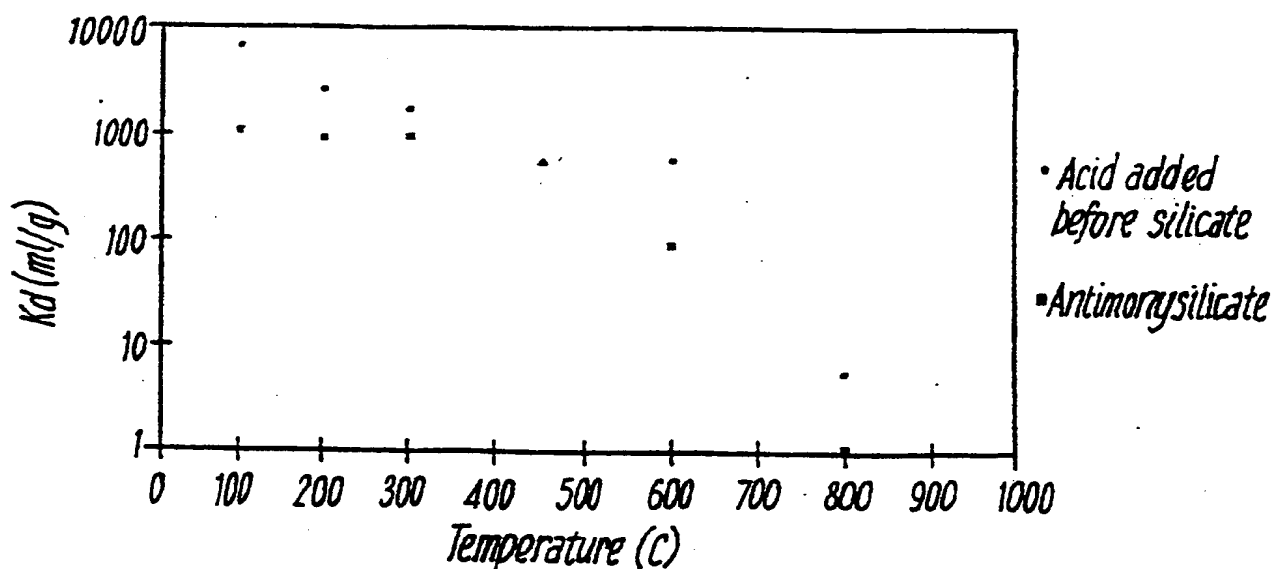
The effect of Na^+ on K_d (Sr-85)
(equilibrated samples)





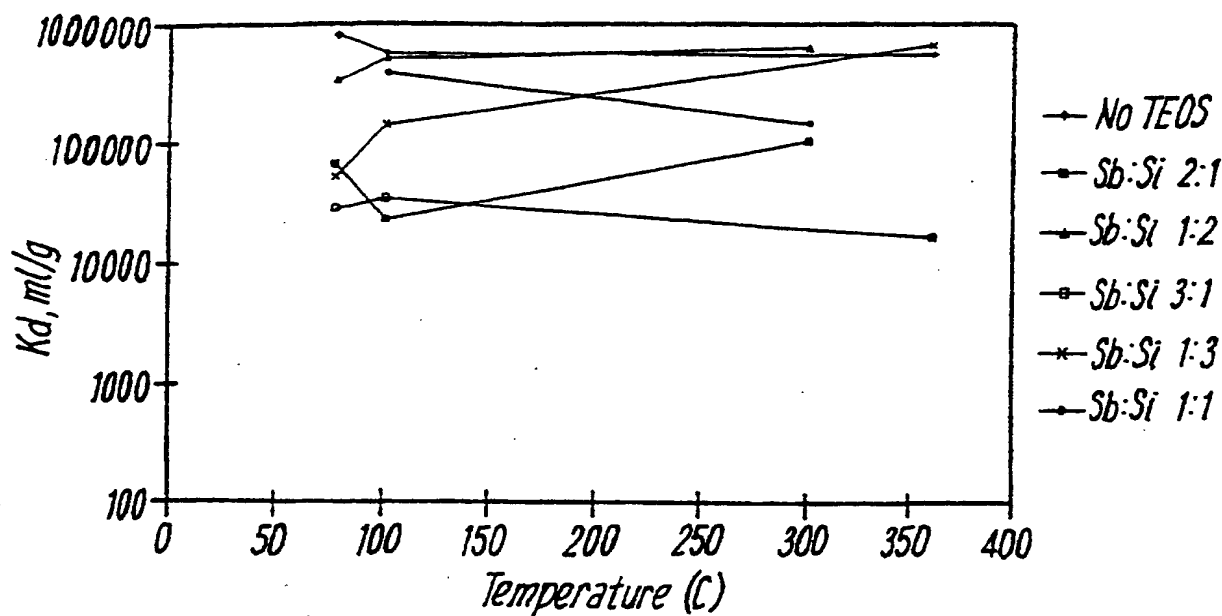
K_d (Sr-85) in 0.1 M HNO_3 for antimony silicate prepared at various synthesis temperatures

Fig. 9a



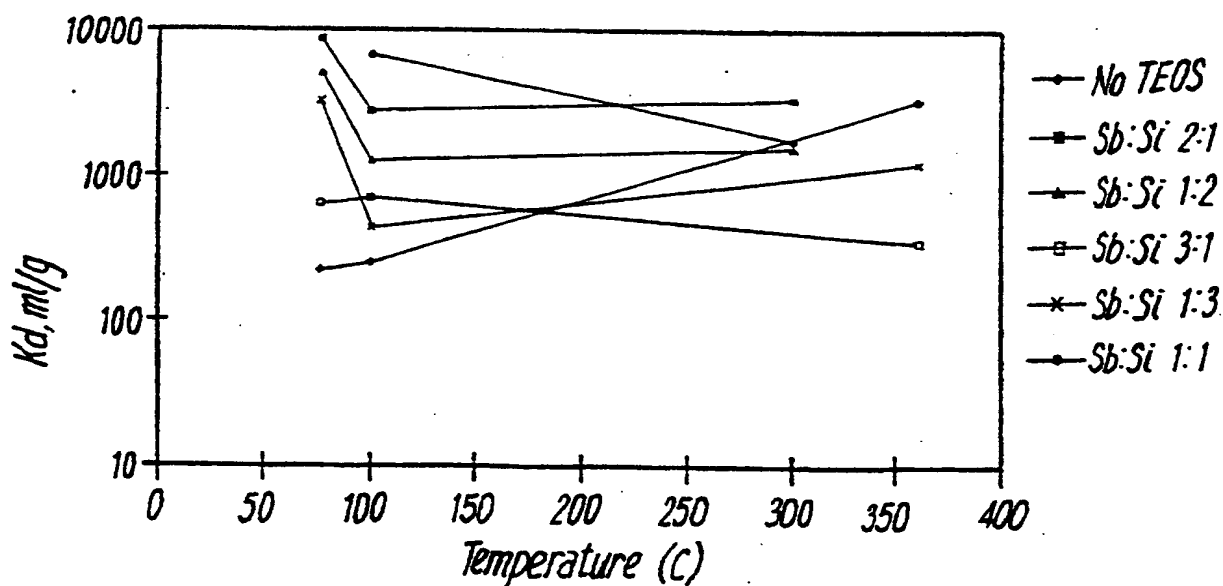
K_d (Co-57) in 0.1 M HNO_3 for antimony silicate prepared at various synthesis temperatures

Fig. 9b



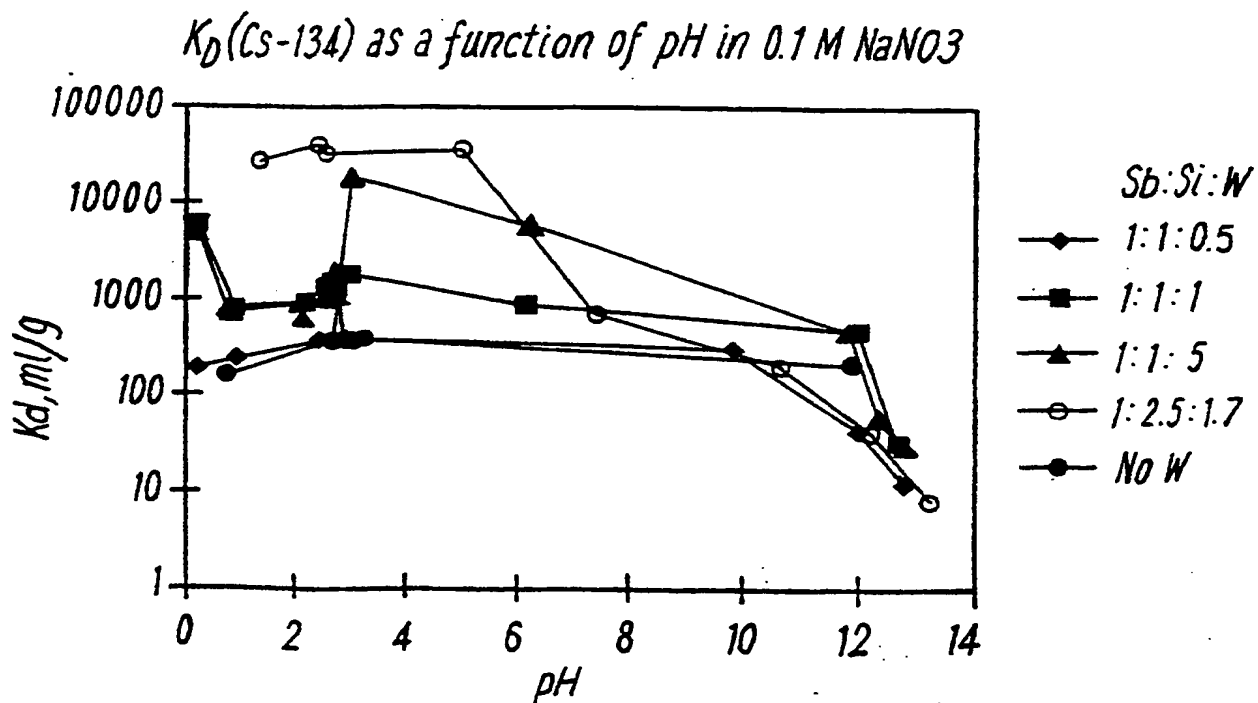
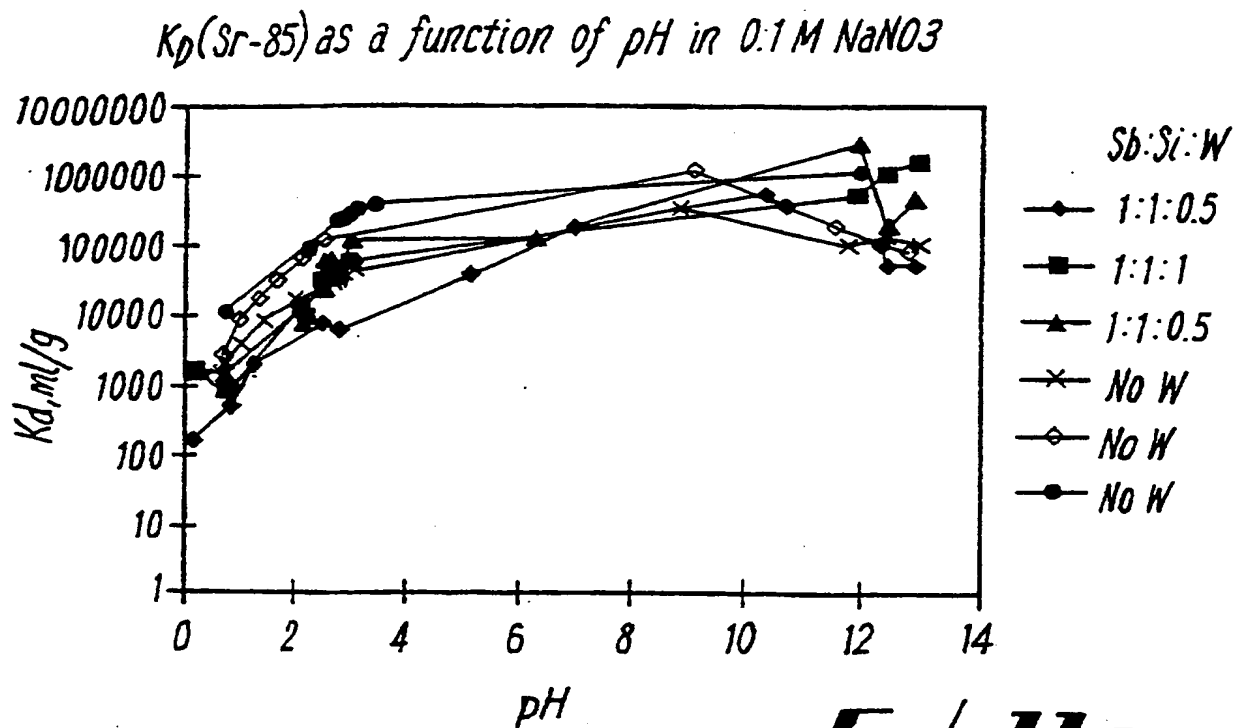
K_D (Sr-85) in 0.1 M HNO_3 for antimonysilicate materials with varying Sb:Si ratios prepared at various synthesis temperatures

FIG. 10a



K_D (Co-57) in 0.1 M HNO_3 for antimonysilicate materials with varying Sb:Si ratios prepared at various synthesis temperatures

FIG. 10b



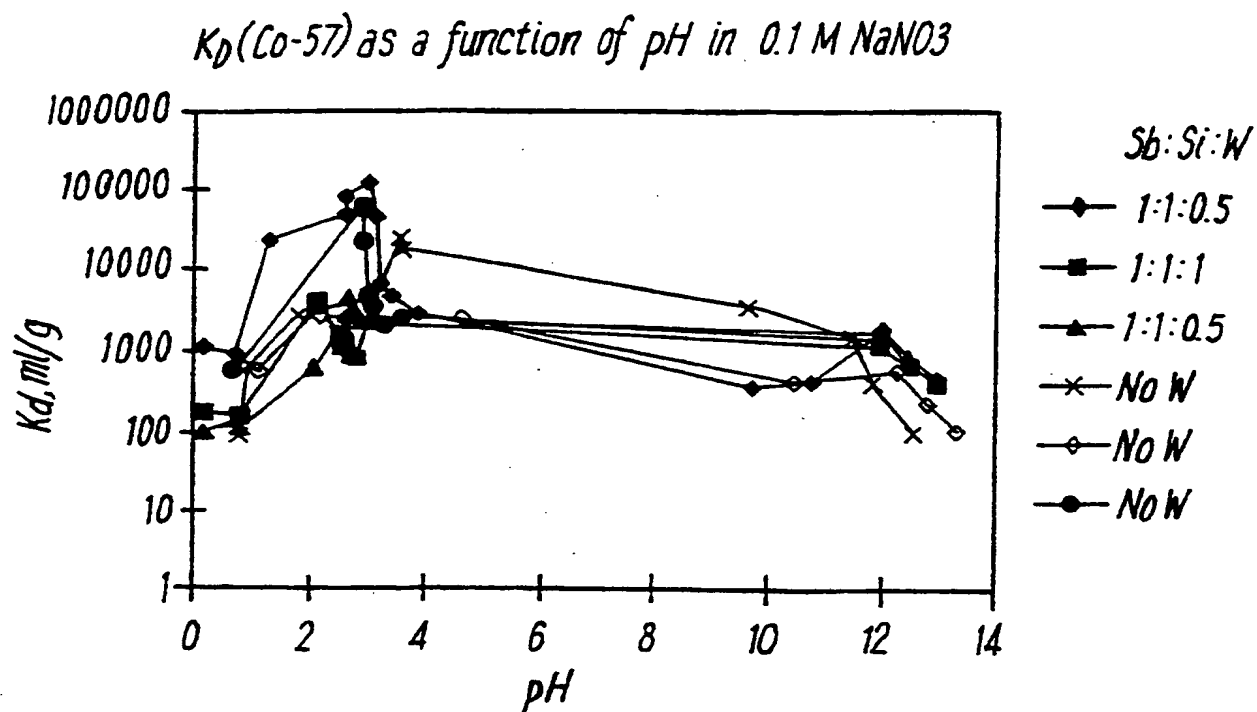


FIG. 11c

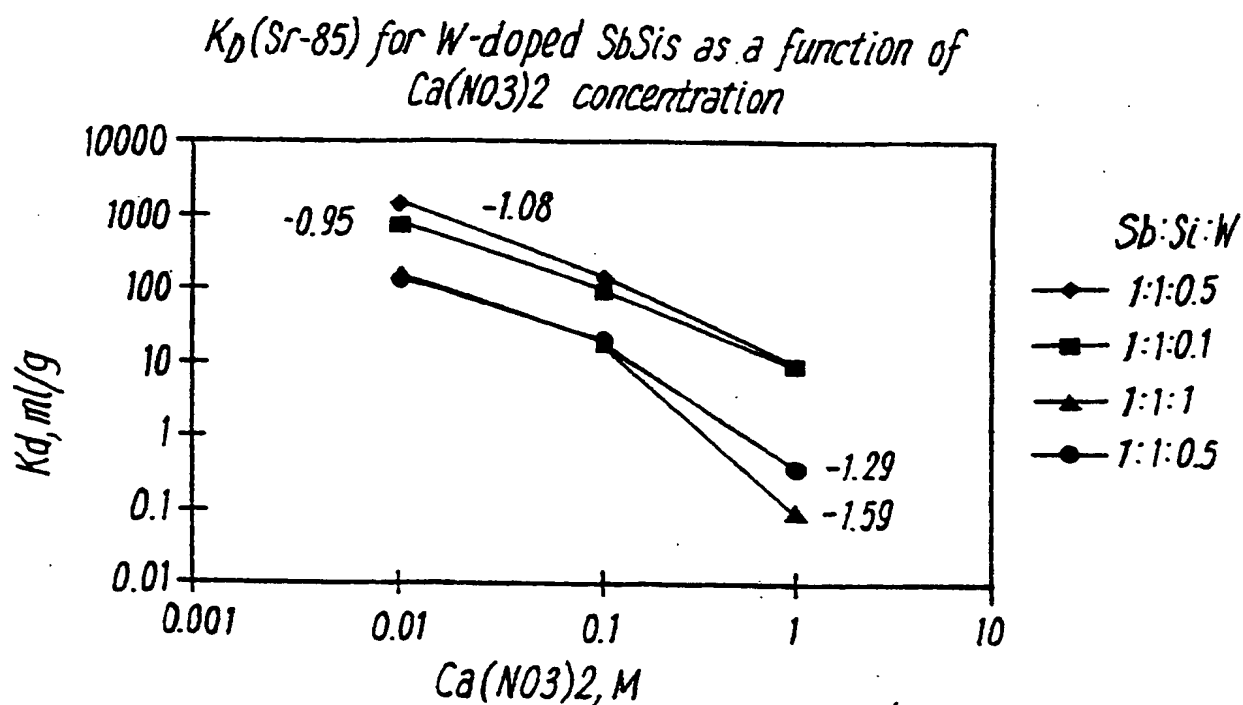
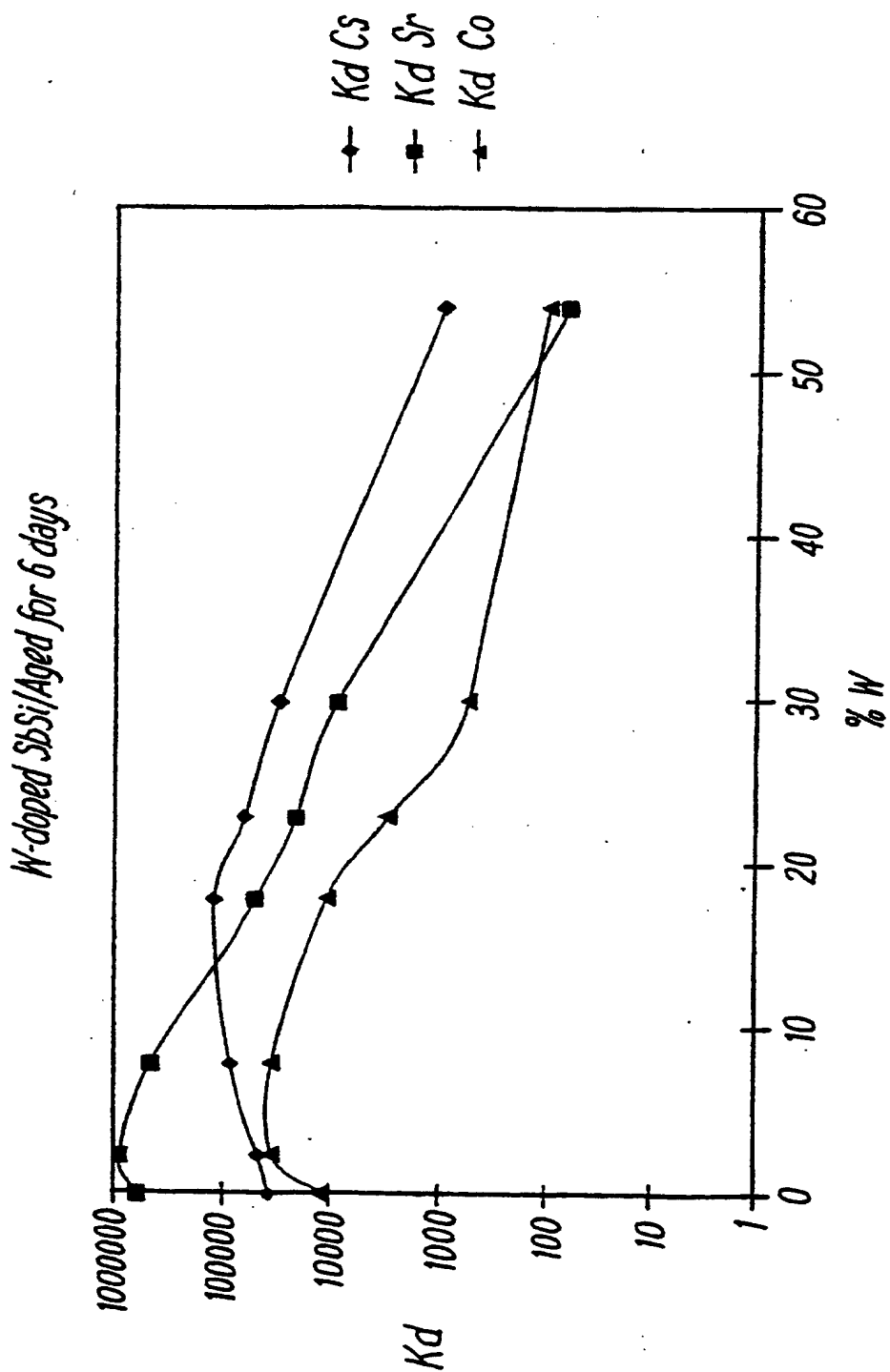


FIG. 12

**Fig. 13**